

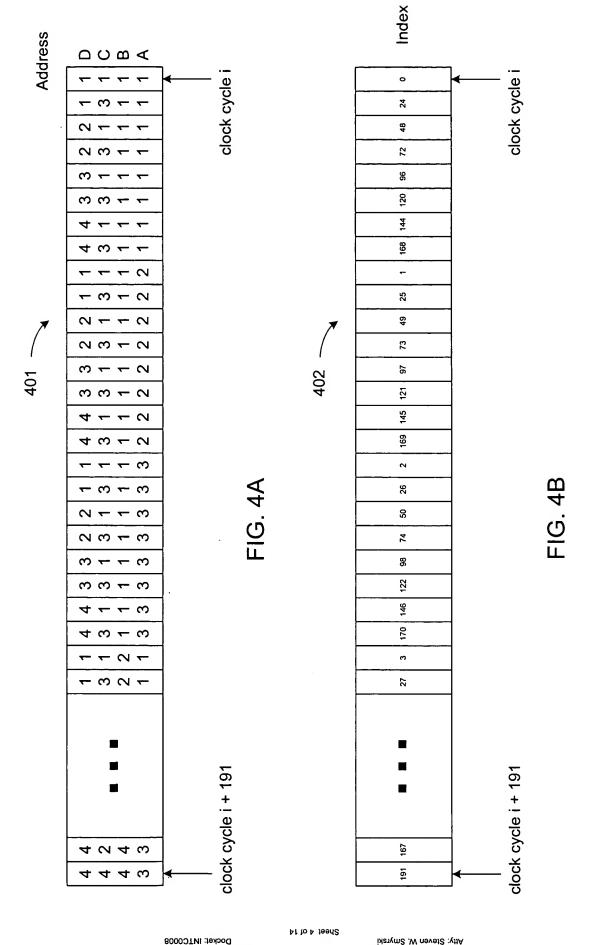
METHOD AND APPARATUS FOR CENTRALIZED PROCESSING OF CONTIGUOUSLY AND VIRTUALLY CONCATENATED PAYLOADS
Inventor Soowan Suh et al.
Filed : December 30, 2003
Atty: Steven W. Smyrski
Docket: INTC0008

	At to S feeds
Docket: INTC0008	Atty: Steven W. Smyrski
Filed : December 30, 2003	Inventor Soowan Sun et al.

	208		VC-4	
	207		A 22	
200	206		212 VC-4	
	205	5A	4 4	7 P
	204	FIG. 2A	210	FIG. 2B
	203			
	202		500	
	201			

Sheet 3 of 14 METHOD AND APPARATUS FOR CENTRALIZED PROCESSING OF CONTIGUOUSLY AND VIRTUALLY CONCATENATED PAYLOADS Inventor Scowan Suh et al. Filed: December 30, 2003

Atty: Sleven W. Smyrski Sheep 3 of 14



0#

1-STS

₽7#

1-STS

81/#

1-STS

72#

1-STS

479

1-STS

97#

1-STS

Index

9

clock cycle i

891#

1-STS

69l#

1-STS 011#

1-STS

```
if (current slot index is not divisible by 3) then
```

if (current word number = 0) then

MFI (current slot index) = MFI (current slot index - 1)

else if (current slot is a master slot) then

if (current word number = 1) then

temporary MFI (current slot index) = temporary MFI (current slot index) + 1

elseif (current word number = 0) then

MFI (current slot index) = temporary MFI (current slot index)

else

if (current word number = (current slot index / 3) + 1) then

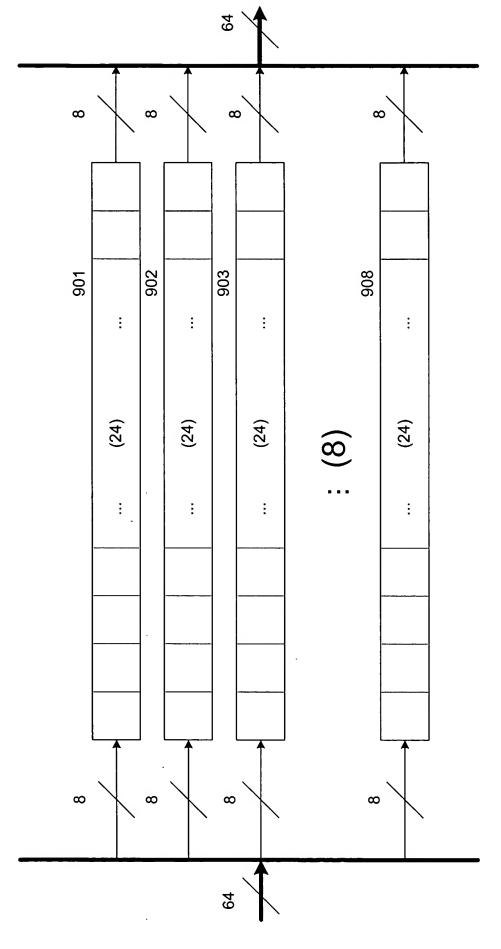
temporary MFI (current slot index) = temporary MFI (current slot index - 3)

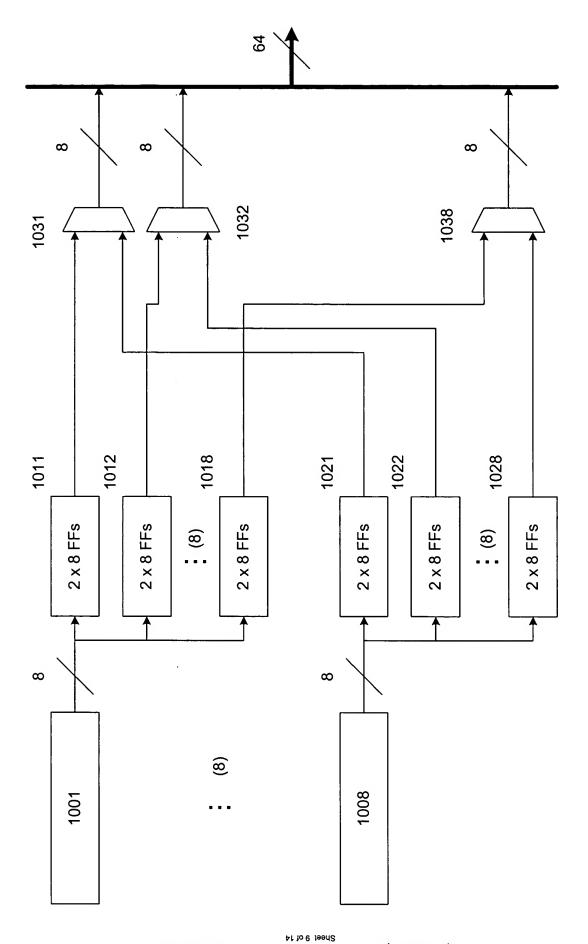
elseif (current word number = 0) then

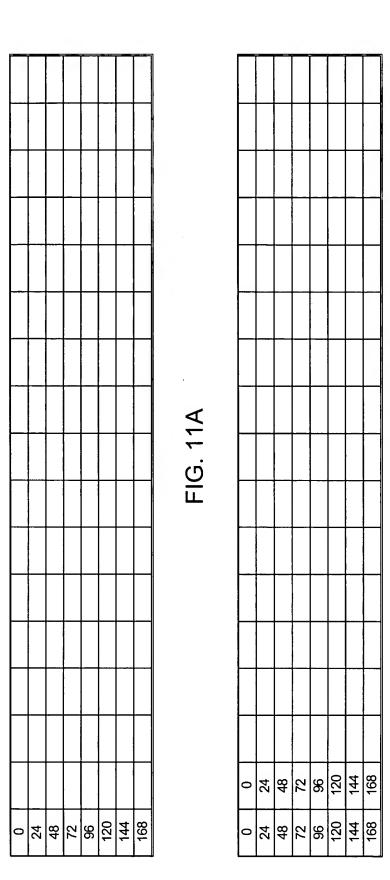
MFI (current slot index) = temporary MFI (current slot index)

0#	0#		0#
1-STS	1-STS		1-STS
₽ Z#	₽2#		₽Z#
1-STS	1-STS		1-STS
8 1/ #	8 1/#		81/#
1-STS	1-STS		1-STS
:	:		:
:	:		
891#	891#		891#
1-STS	1-STS		1-STS
XX			111/4/11
17-678	11515		17-878
1/25#	1/25#		1188#11
18/8/8	\\\ \ \$\\\$\\		18/2/8/
	:		:
•	:	(8)	
		3	
(69)#	 691#		(65/#//
///S//2//	// X-2X2 //		// <i>K-272</i> /
#23	#23		#23
ા-SIS ૅ	1-STS		1-STS
:			
: 16l#:	l6l#	, 60	161#
1-STS	r-STS		1-STS
0#	0#		0#
1-STS	1-STS		1-STS
₽Z#	₽2#		#24
1-STS	1-STS		1-STS
:	:		:
	•		
:	:		:
16L#*	16L#		:: 161#::
1-STS	1-STS	·	: I-STS

At to 8 send







 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 48

 49

 49

 40

 40

 40

 40

 40

 40

 40

 40

 40

 40

 40

 40

 40 0 24 48 24 144 120 96 144 168 168 2 8 2 8 2 24 48 48 72 72 36 120 <u>4</u> 8 4 8

FIG. 11B

Sheet 10 of 14

FIG

		-					
							Н
-	25	49	73	26	121	145	169
	24	48	72	96	120	144 4	188
	24	48	72	96	120	144	168
	24	48	72	96	120	144	168
	24	48	72	8	120	144	168
	24	48	7.5	96	120	144	168
	24	48	72	96	120	144	168
	24	48	7.5	9 6	120	144	168
	24	48	72	96	20	4	89

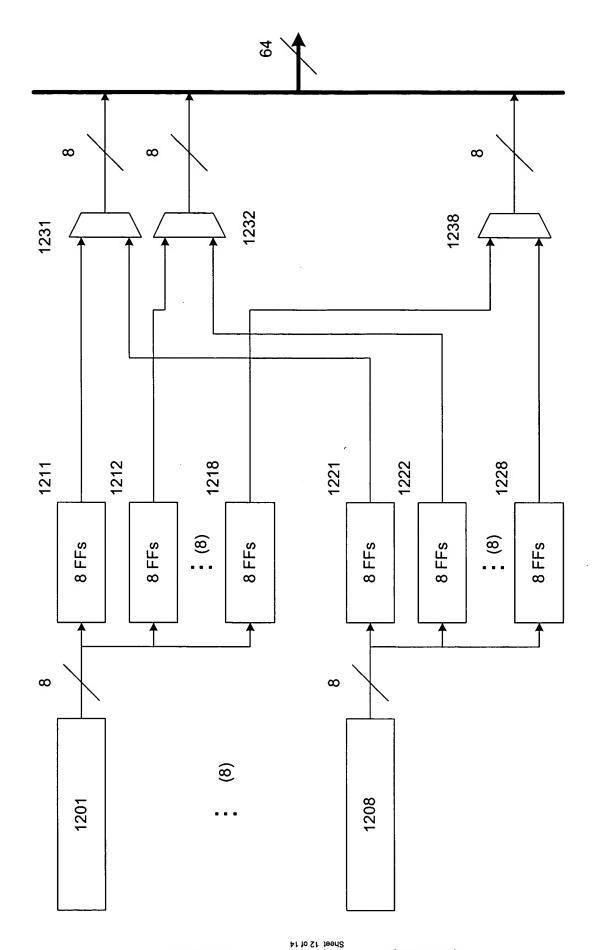
FIG. 11D

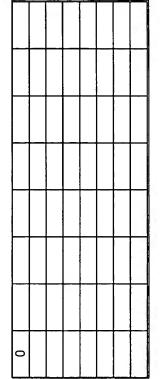
	_	_	_			-	-
1	25	49	73	26	121	145	169
1	25	49	73	26	121	145	169
1	25	49	73	26	121	145	169
1	25	49	73	26	121	145	169
1	25	49	73	26	121	145	169
1	25	49	73	26	121	145	169
1	22	46	73	26	121	145	169
1	25	49	73	26	121	145	169
							168
							168
							168
							168
							168
							168
							168
							68

FIG. 11E

							_
1	22	49	73	26	121	145	169
1	25	49	73	6	121	145	169
1	25	49	73	97	121	145	169
1	25	49	73	97	121	145	169
1	25	49	73	97	121	145	169
-	25	49	73	97	121	145	169
1	25	49	73	26	121	145	169
1	25	49	73	97	121	145	169
-	25	49	73	97	121	145	169

METHOD AND APPARATUS FOR CENTRALIZED PROCESSING OF CONTIGUOUSLY AND VIRTUALLY CONCATENATED PAYLOADS
Inventor Soowan Suh et al. Sheet 11 of 14
Sheet 11 of 14





0				
0	24			

0							
0	24						
0	24	48					
0	24	48	72				
0	24	48	72	96			
0	24	48	72	96	120		
0	24	48	72	96	120	144	
0	24	48	72	96	120	144	168

24 4 8 2 8 2 2 8 2 98 120 22 48 8 2 8 2 4 42 8 96 120 4 168 25 120 144 168 24 48

		48					
		48	7.5				
		48	72	96			
		48	72	96	120		
		48	72	96	120	144	
		48	72	96	120	144	168
1		48	72	96	120	144	168
1	25	48	72	96	120	144	168